

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF BIG SANDY RURAL)	
ELECTRIC COOPERATIVE CORPORATION FOR)	CASE NO. 95-283
A CERTIFICATE OF CONVENIENCE)	
AND NECESSITY)	

O R D E R

Big Sandy Rural Electric Cooperative Corporation ("Big Sandy") filed its application on June 27, 1995 for a Certificate of Public Convenience and Necessity to construct certain improvements and additions to its existing plant at a cost of \$2,561,000. In support of its application, Big Sandy filed its 1995-1997 Work Plan which describes in detail the improvements and additions to its plant that are required over the next two years to serve its load.

Big Sandy seeks authorization to construct extensions and additions to its plant as follows:

1. Line Construction for New Services	\$ 923,100
2. Conversions and Line Changes	845,400
3. Transformers and Meters	325,800
4. Sets of Service Wires for Increased Service Capacity	42,240
5. Sectionalizing Equipment	18,000
6. Regulators and Capacitors	80,060
7. Ordinary Replacements	184,800
8. Security Lights	<u>141,600</u>
TOTAL	<u>\$2,561,000</u>

The proposed construction will enable Big Sandy to continue to provide adequate and dependable electric service to its consumers.

The system improvements recommended in this Work Plan will not duplicate existing facilities and are needed to correct voltage problems, improve phase balance, and provide for improved service reliability.

The consulting engineers, Southern Engineering Company, who prepared Big Sandy's Work Plan, stated, "In preparing the Two-Year Work Plan, Southern Engineering Company did not draw a comparison between the measured voltage and the calculated voltage due to lack of information".¹ Big Sandy should provide a comparison between the measured voltage and the calculated voltage to confirm the accuracy of the calculated voltage study in its next Work Plan.

Big Sandy indicates that funding of the proposed construction will come from general funds, which will include the proceeds of a loan awaiting approval.

Based on the application and supporting 1995-1997 Work Plan, and being advised, the Commission finds that the proposed improvements and additions to be constructed by Big Sandy are necessary to provide adequate, reliable electric service to existing customers and anticipated new customers.

IT IS THEREFORE ORDERED that:

1. Big Sandy be and it hereby is granted a Certificate of Public Convenience and Necessity to construct the facilities described in its 1995-1997 Work Plan.

2. Big Sandy shall provide a comparison between the measured voltage and the calculated voltage to confirm the accuracy of the calculated voltage study in its next Work Plan.

¹ Response to Order dated September 28, 1995.

Don Mills
Executive Director